

SYSTEM AND METHOD FOR IDENTIFYING A HEADSET TYPE IN AN ELECTRICAL DEVICE

ABSTRACT OF THE INVENTION

5 A system and method are presented for identifying, in an
electrical device having an audio interface port, a headset type. The
system includes a microcontroller logic unit with an output,
connected to a test network, to supply a test voltage. The test
network also is connected to the audio interface port. The test
10 network can include combinations of resistors, capacitors, and
switches. A voltage determination sub-system has an input
connected to the interface port line and an output to supply a
determination signal responsive to voltage at the audio interface port.
The logic unit has an input connected to the determination sub-
15 system output and compares determination signal values with a
predetermined threshold value to identify a headset type connected to
the audio interface port.